Mountain Weather Forecast

Lake District National Park

Forecast valid from 06:00 on Saturday 18 Feb 2023 until 23:59 on Sunday 19 Feb 2023

Forecast Issued on Saturday 18 Feb 2023 at 02:12

Confidence: High confidence for a cloudy and mild few days with a lot of cloud, shrouding the tops at times and poor visibility with drizzle and light rain, often windy too. Medium confidence for it turning colder by mid next week with a return to some wintry precipitation.

Headline for Saturday 18 Feb 2023: Cloudy and dull at times with outbreaks of drizzle and light rain. Strong winds easing.

Mountain weather hazards on Saturday 18 Feb 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
FOG	FOG	FOG	FOG		FOG
Fog	Fog	Fog	Fog	Drizzle	Fog
Precipitation probability					
50%	30%	30%	30%	20%	20%

Forecast for Saturday 18 Feb 2023

Weather: Heavy rain overnight will clear south but further outbreaks of light rain and drizzle are expected throughout the day. Perhaps turning wintry on the highest fell tops later in the evening.

Chance of cloud-free hill tops above 800m: 40% low cloud will form in association with light rain and drizzle.

Low cloud and visibility: Scattered or broken low cloud layers above 500m will come and go during the day, western upslopes will see more cloud with the best chance of a few cloud breaks towards eastern fells. Visibility will be poor at times in light rain and drizzle, again visibility will be better in the east towards Ullswater

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Mountain Weather Forecast

Forecast for Saturday 18 Feb 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	44/53 W	34/43 W	31/39 W	31/39 W	33/42 W	34/43 W	30/38 NW
600	36/47 W	29/38 W	27/35 W	26/35 W	27/38 W	28/39 W	25/35 NW
300	13/39 W	11/30 W	13/29 W	11/29 W	11/30 W	13/32 W	13/30 NW
Valley	10/32 W	10/27 W	12/27 W	11/26 W	11/27 W	11/27 W	11/26 NW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	4/-4	4/-3	4/-3	4/-3	3/-4	2/-5	2/-5
600	6/-1	5/-0	6/-0	6/0	5/-1	4/-2	4/-2
300	8/4	7/4	8/4	8/4	7/4	6/3	5/2
Valley	9/6	9/6	9/7	9/6	9/6	8/6	8/4
Freezing Level*	1500m	1500m	1400m	1400m	1400m	1400m	1200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Gales will ease during the morning and freezing level gradually lowering during the day, quite wet underfoot after overnight rain.

Forecast for Sunday 19 Feb 2023

Weather: A bright start but cloud and rain spreading from the north for a time in the morning, becoming drier but cloudy and dull during the afternoon.

Maximum wind: Southwesterly 20 gusts 30mph

Chance of cloud-free hill tops above 800m: 70% falling to 30% as rain spreads south cloud cover will increase.

Low cloud and visibility: Patches of low cloud initially however cloud will soon fill in forming layers of broken cloud forming above 500m for most of the Lake District. Visibility will be good first thing but becoming moderate or poor at times during the morning and remaining quite hazy in the afternoon. Little chance of much brightness.

Temperature: **Valleys:** Plus 4 rising to 9 Celsius.
At 800m: Plus 1 rising to 4 Celsius.
Freezing level: 800m rising above all summits.

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Mountain Weather Forecast

Ground Conditions Supplement

Date: Friday 17 February 2023. Location: Helvellyn summit at 1205 Full report: The overwhelming majority of the Lakeland fells up to, and including, summit level are clear of snow. Owing to a mild night, despite the summit temperature at midday being only marginally above freezing no ice was encountered either with most paths – especially those subject to the wind, being dry. There are patches of snow, however, which lie above 900m on steep north and east facing slopes; owing to both their height and aspect they have largely remained resistant to the milder temperatures with only a marginal thaw since yesterday. However, owing to their location most walkers will not encounter this snow at all as probably the only snow left on any path in the Lake District lies at Swirral Edge's exit – although in the past 24 hours it has slightly reduced in size, softened and can be avoided completely . Conversely, Striding Edge is free from snow. Owing to the lack of winter conditions and mostly dry, grippy rock, the main hazard today (and also possibly on Saturday) was the strength of the wind especially where it accelerates around, between and through ground features such as cols. Despite the early appearance of daffodils in the valleys, the summit temperature at midday was hovering around zero degrees and the windchill (what the temperature actually feels like) was well below (at minus 9 degrees) quickly chilling those who had decided not to carry any additional clothing. Therefore full winter clothing (waterproofs, extra warm layers, hat & gloves), mountain boots and equipment including a torch, map and compass all remain essential to safely, and enjoyably, roam the fells. For those interested in the weather statistics, the wind on the ascent & descent was sometimes stronger (by 10-15mph) compared with that recorded on the summit.

Temperature: plus 0.9 C, Maximum wind speed 38.8 mph, Wind chill: minus 8.9 C, Average wind speed: 31.3 mph

Issued at: 02:12 on Sat 18 Feb 2023

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